



## TECHNICAL DATASHEET

### HS GREY ACRYLIC TAPE

ART. NO:	SIZE:	QUANTITY:
#137.071A	¼" (6mm x 33m)	1 roll
#137.072A	⅜" (9mm x 33m)	1 roll
#137.073A	½" (12mm x 33m)	1 roll
#137.074A	¾" (19mm x 33m)	1 roll
#137.075A	1" (22mm x 33m)	1 roll
#137.071A.18	¼" (6mm x 18m)	1 roll
#137.072A.18	⅜" (9mm x 18m)	1 roll
#137.073A.18	½" (12mm x 18m)	1 roll
#137.074A.18	¾" (19mm x 18m)	1 roll
#137.075A.18	1" (22mm x 18m)	1 roll

HS GREY ACRYLIC TAPE is designed to replace permanent assembly methods such as gluing and screwing, our double-sided acrylic tape provides superior adhesion to a wide range of materials, making it ideal for use for emblems, automotive molding, cladding, edge lining strips and more.

#### FEATURES

- ✓ Excellent adhesion with a high shear strength
- ✓ Temperature stable up to 90°C (194°F)
- ✓ Resistant to weathering and ageing
- ✓ Highly conformable and easy to use

#### APPLICATION

Ideal for fixing decoration profiles, emblems, plates and edge lining strips in the automotive repair sector.

#### CONDITIONS OF USE AND CONFORMITY

*Product shelf life and storage: 12 months. Suggested storage temperature shall range from 15°C to 25°C with max. relative humidity of 65%. Material shall be stored away from heat sources and possibly kept in original package, avoiding light exposure as well. When temperatures are lower than suggested, it is always required to recondition the tape at normal temperature before use. This information is given to the best of Carworx's knowledge. Values are typical and do not constitute a specification. Customers are required to do their own testing under their working conditions for their intended application. Any liability arising in respect of our products will be limited to the value of those products charged to the customer excluding any consequential loss.*

#### PRODUCT DATA

**Color:** Red liner with grey foam backing

**Backing:** Reinforced acrylic foam base

**Adhesive:** Acrylic PSA coated on both sides

**Liner:** 0.12 mm red HDPE release film

**Total Thickness:** 1.1 mm (43.3 mils)

**Tack:** 7

**Peel Adhesion:** 2.8 kg / 25mm

**Shear Strength (25°C):** Over 72 hrs with 2.0 kg loading  
2 stainless steel plates on 25mm x 25mm

**Tensile Strength:** Over 50 kg/25mm x 25mm

**Temperature Resistance (24h):** 80°C (176°F)

**Service Temperature:** -40°C to 170°C (-104°F to 338°F)



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TECHNICAL DESCRIPTIONS	UNIT	VALUE
BACKING		Foam-like acrylic glue
COLOR		Grey
ADHESIVE		Solvent Acrylic
THICKNESS	mm	1.1
ELONGATION	%	750 +/- 100
90° PEEL ADHESION	%	(ASTM D-3330)
After 20 Minutes	gr.f./25mm	7,000
After 24 Hours	gr.f./25mm	8,000
After 72 Hours	gr.f./25mm	10,000
TENSILE STRENGTH (50mm/min., 25mm x 25m)	Kgf/25x25mm <sup>2</sup>	(ASTM D-897) 45
DYNAMIC SHEAR (50mm/min., 25mm x 25m)		(ASTM D-1002)
SUS-304	Kgf/25x25mm <sup>2</sup>	55
PVC plate	Kgf/25x25mm <sup>2</sup>	45
ABS plate	Kgf/25x25mm <sup>2</sup>	45
STATIC SHEAR (25mm x 25mm, over 10,000min.)	110 °C	(ASTM D-3654) 1,000 g
SERVICE TEMPERATURE		
minimum	°C	-20
maximum	°C	180

UNLESS OTHERWISE STATED ALL OF THE ABOVE FIGURES ARE AVERAGE VALUES.  
TEST METHOD : ASTM